



THE COASTSIDE COMMUNICATOR

VOL. 45, No. 3

MARCH 2013

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

It's March, which means we will be holding our meeting this month at the newly remodeled (and new owners) Round Table Pizza at the Linda Mar Shopping Center. This is a "no host" event, so place your order and enjoy your meal while we conduct our meeting. It's always a good time. It's best to get there a little early (7-ish) so you can order your food and have it by the 7:30 meeting time.

Note: For those club members interested in erecting a tower, we have used Rohn 25 tower sections (10ft) and top sections (9ft) as well as HAM rotators available from WA6AFT/SK QTH. Contact myself or Frank-N6FG if interested.

See you at the meeting.

73... David-K6DMR

FEBRUARY MINUTES

The February 13, 2013 meeting was called to order at 7:33 p.m. by our club president David Rinck-K6DMR at the Linda Mar Fire Station in Pacifica. Self-introduction by the members and guests followed.

Casey Villyard-N6TZE made a move to approve the minutes as published in the *Coastside Communicator*. The motion was seconded by Robert Barbitta-W6LOG and was unanimously passed by the membership present.

TREASURER'S REPORT

Frank Erbacher-N6FG read the report of the club's financials: \$1,743 in the General Fund; \$5,899 in the Repeater Fund; \$798 in the Digipeater Fund; and \$6,040 in the Public Service/EOC Fund. These individual fund totals add up to a club total of \$14,480. The club's Post Office Box yearly rental of \$120 was paid.

MEMBERSHIP

Frank informed the membership that the Club membership stands at 83 including 36 renewals for 2013.

The breakdown of members as follows:

Extra: 28

Advanced: 3

General: 25

Technician: 27

COMMUNICATIONS

Frank stated that the US Bank statement has been received along with newsletters from: SFARC "*Nut's and Volts*", Santa Clara County Amateur Radio Association "*SCCARA-Gram*" and the Santa Cruz County Amateur Radio Club "*Short Skip*".

COMMITTEE REPORTS

REPEATER

Operational

David Rinck-K6DMR said that a trip was made up to the repeater site to replace the back-up battery for the controller.

Casey Villyard-N6TZE talked about digipeater station and the need for a new antenna and coax.

Roy Brixen-KE6MNJ made a motion to allocate \$350 from the digipeater fund to buy an antenna and LMR400 Coax.

Bob Barbitta-W6LOG seconded the motion, and was approved by the membership present.

AUTOPATCH

Operational

DIGIPEATER

Operational

APRS

Operational

EMERGENCY SERVICES

FIELD DAY

No Report

FOG FEST

No Report

NEWSLETTER

Published

WEBSITE

Operational

BYLAWS

No Report

NEW BUSINESS

Casey Villyard-N6TZE mentioned that the CERT Communications Committee will be having a simplex drill in October. A test of packet communications may also be performed this year.

NEW BUSINESS CONT.

It was noted the March meeting will be at the Round Table Pizza Parlor at the Linda Mar Shopping center.

April 18th is the Silver Dragon exercise in Daly City.

Roy Brixen-KE6MNJ is looking for interest in a field trip of members that want to go tour the Red Oak Victory Ship. Proposal date is the First Sat of May.

A follow up discussion was made on the previous month's interest into moving the meeting start time to 7:00

A motion was made by Bob Barbitta-W6LOG with a 2nd by Gary Barnes-KI6HIG to have the membership vote on the idea of moving the meeting to time to 7:00PM

Comments were made by: Bill Lillie-N6BCT, "Time too early due to distance and traffic issues". Casey Villyard-N6TZE, "Time okay but not ideal due to commute"

Question if this should be posed to all members. A motion was made to have a vote of all members on the idea of moving the meeting time to 7:00PM from 7:30PM and to bring this up as an official agenda item from Frank Erbacher-N6FG, with a second by Josh-Villyard-N6TZF. The motion was voted on by the membership present and passed.

Frank Erbacher-N6FG discussed the idea of a series of "talks" that were amateur radio related. Discussions might include: how to pick out a rig, how to get on the air and the like.

Roy Brixen-KE6MNJ commented how it might be nice to schedule this for a meeting after the ham cram is done to help new hams to understand what they can do with their license as well as what other radio opportunities are available.

In order to make room for the "Get Acquainted to Radio Meeting" there was a motion by Roy Brixen-KE6MNJ, and a second by Cheryl Crofts-KJ6RNK and passed by the membership present, to move the Bylaws meeting to June (It will be in April and June instead of April and May).

In order to get this done Roy will have flyers made and bring them to the pizza meeting (Thank you Roy for the donation). Bob Barbitta-W6LOG will bring it to the Ham Cram event.

MOTION TO ADJOURN

At 8:10 p.m. Casey-N6TZE moved that the meeting be adjourned. The motion was seconded by Roy-KE6MNJ and passed unanimously.

PRESENT AT THE MEETING

The following Life Member has become a Silent Key: Roger Spindler-WA6AFT.

Officers: President: David Rinck-K6DMR; Treasurer: Frank Erbacher-N6FG

Members: Casey Villyard-N6TZE, Roy Brixen-KE6MNJ, Gary Barnes-KI6HIG, Frank Erbacher-N6FG, Cheryl Crofts-KJ6RNK, Robert Barbitta-W6LOG, Orval Chadsey-N6OZI, Walt Long-KG6EDY, Joshua Villyard-N6TZF, Bill Lillie-N6BCT, Tom Oliver-KJ6OGL

Reported by Casey Villyard-N6TZE



NEWS

DEPARTING FOR WHEREABOUTS KNOWN

The Coastside ARC is losing the following members:

KL2JY and KL2MA, Bob and Deann Isenberg:

CARC members for their few years while living here in Pacifica on assignment. They are headed back to their home in Idaho after retiring. 73's and CUL on HF Saturday Mornings maybe? Happy Hunting Bob.

W6TYF and KH7HM, Jack and Marilyn Mackinnon:

Longtime Bay area residents and Amateurs on a number of repeaters who are FOUNDING VEC's for BAY AREA EDUCATIONAL AMATEUR RADIO SOCIETY (BAEARS) which has been SO successful in helping get many new HAMS their licenses and others upgrades. They are now spending more time in Kauai. Thanks for your support and missing you two at the testing sessions. ALOHA and 73's

Frank-N6FG

ARRL UPDATE**FCC ISSUES \$10,000 FINE TO MISSOURI MAN FOR UNLICENSED OPERATION ON 14.312 MHZ**

On February 25, the FCC issued a Notice of Apparent Liability for Forfeiture (NAL) in the amount of \$10,000 to Jared A. Bruegman, ex-KC0IQN, of Bolivar, Missouri. The FCC said that Bruegman "apparently and willfully violated Section 301 of the Communications Act of 1934, as amended by operating an unlicensed radio transmitter on the frequency 14.312 MHz in Bolivar, Missouri." Bruegman -- who does not currently hold an Amateur Radio license -- was operating in the phone portion of the 20 meter band that is assigned to the Amateur Radio Service on a primary basis; his Amateur Radio license expired in 2010. As a former Technician class licensee, he did not have privileges to operate in that portion

of the 20 meter band when he held an Amateur Radio license.

In December 2012, the FCC's office in Kansas City received a complaint from an Amateur Radio operator, reporting interference on 14.312 MHz. Upon investigation, agents from that office heard a male voice transmitting on the frequency 14.312 MHz. Using direction

finding equipment, the agents located the source of the radio frequency transmissions to a transmitting antenna mounted on a pole next to Bruegman's residence. The agents determined that the signals on 14.312 MHz exceeded the limits for operation under Part 15 of the Commission's rules and therefore a license was required to transmit. The agents further discovered that Bruegman did not hold a license to operate a radio transmitter on 14.312 MHz at or near that location.



ARRL UPDATE CONT.

The agents determined that the source of the transmissions was coming from an unlicensed radio transmitter from a bedroom in Bruegman's residence. "Mr Bruegman was the only person present in the bedroom and the only male in the residence during the inspection," the *NAL* stated. "Mr Bruegman admitted to the agents that he owned the radio transmitter. The agents observed that the transmitter was turned on and tuned to 14.311 MHz. Mr Bruegman told the agents that he had no current Commission licenses, but that he previously held an Amateur Radio license, call sign KC0IQN. Mr Bruegman told the agents he would remove the microphone from his transmitter and only use it as a receiver."

Section 503(b) of the Communications Act provides that "any person who willfully or repeatedly fails to comply substantially with the terms and conditions of any license, or willfully or repeatedly fails to comply with any of the provisions of the Act or of any rule, regulation, or order issued by the Commission thereunder, shall be liable for a forfeiture penalty." In addition, Bruegman was found to be in violation of Section 301 of the Communications Act, stating that "no person shall use or operate any apparatus for the transmission of energy or communications or signals by radio within the United States, except under and in accordance with the Act and with a license granted under the provisions of the Act."

Bruegman has until March 27, 2013 to pay the forfeiture in full, or file a written statement seeking its reduction or cancellation.

FCC PROPOSES MORE SPECTRUM AT 5 GHZ FOR UNLICENSED BROADBAND

On February 20, the FCC released a *Notice of Proposed Rulemaking (NPRM)* in ET Docket No. 13-49, seeking to revise the Part 15 rules governing unlicensed national information infrastructure (U-NII) devices in the 5 GHz band. These devices presently operate in the frequency bands 5.15-5.35 GHz and 5.47-5.825 GHz. They use wideband digital modulation techniques to provide a wide array of high data rate mobile and fixed communications for individuals, businesses and institutions. Slightly different rules apply to 5.825-5.85 GHz. Among the changes being proposed are two additional bands totaling 195 MHz for unlicensed operation: 5.35-5.47 GHz and 5.85-5.925 GHz. The Amateur Radio Service has a secondary allocation at 5.65-5.925 GHz, including an Amateur Satellite Service uplink allocation of 5.65-5.67 GHz and a downlink allocation of 5.83-5.85 GHz

HAMMOND MANUFACTURING TO TAKE OVER DAHL TRANSFORMER LINE

Hammond Manufacturing of Cheektowaga, New York, has announced that it will take over the Peter W. Dahl line of transformers from Harbach Electronics. Upon his retirement in 2007, Peter Dahl, K0BIT (SK), sold his company to Harbach Electronics, but earlier this month, that company announced that it would no longer support Dahl products and was in negotiations with other manufacturers to take over the Dahl product line of transformers and magnetics. According to both Harbach Electronics and Hammond Manufacturing, finalization of the acquisition and transfer of

assets will take place over the next few weeks, with the transfer to be completed by March 31, 2013.

FCC DENIES CALIFORNIA MAN'S PETITION FOR RECONSIDERATION AND UPHOLDS \$24,000 FINE FOR UNLICENSED RADIO OPERATIONS, REFUSING INSPECTION OF RADIO EQUIPMENT

In June 2011, the FCC issued a *Forfeiture Order* in the amount of \$24,000 to Kevin W. Bondy of Encino, California for engaging in unlicensed radio operation and intentional interference to licensed radio operations and for refusing to allow an inspection of his radio equipment by FCC personnel. Following a *Petition for Reconsideration* filed by Bondy, the FCC issued a *Memorandum Report & Order* on February 15, upholding the \$24,000 fine.

In assessing the \$24,000 fine, the FCC noted that it was responsible for making and enforcing regulations to prevent interference and to maintain control over the use of the radio spectrum in a manner that promotes the public interest and convenience. "Bondy's acts cut at the heart of the Commission's responsibilities to protect the nation's airwaves and regulate use of the spectrum," the 2011 *Forfeiture Order* said. "Bondy operated a radio without a license on the specific frequencies assigned and licensed by the Commission to The Oaks Shopping Center for the explicit and expressed purpose of prohibiting The Oaks's use of its licensed frequencies. This type of conduct inhibits the Commission's ability to effectively regulate and maintain control over the use of the spectrum and will not be tolerated."

AMERICAN RED CROSS TO PHASE OUT EMERGENCY COMMUNICATION RESPONSE VEHICLES

The American Red Cross has made the decision to phase out and decommission its Emergency Communication Response Vehicles (ECRVs) due to changes in technology, as well as a new satellite system and other factors regarding the vehicle fleet. "Retrofitting the decade-old vehicles with new equipment is not a good use of donated funds, as the long-term strategy is to move to more portable systems," American Red Cross Disaster Services Technology Manager Keith Robertory, KG4UIR, told the ARRL. "This is consistent with the trends in the telecom and technology industries."

The American Red Cross will be removing the Amateur Radios from the ECRVs as part of the decommissioning process. These radios will either become part of the



Due in part to new and emerging technology, the American Red Cross will be phasing out its Emergency Communication Response Vehicles

ARRL UPDATE CONT.

deployable inventory or provided to the local American Red Cross chapter to build local capacity. Robertory explained that from a radio perspective, the American Red Cross has a variety of different kits for amateur, business and public safety bands covering HF, VHF and UHF with portable radios, mobile units and base stations: "Two-way radio remains a valuable tool, providing communications in the initial days or weeks of a disaster, until normal communications is restored. Each American Red Cross chapter should continue with -- and improve -- the relationship with their local Amateur Radio operators. In a disaster, Amateur Radio will be the fastest deployed radio network because operators already live in the impacted communities."

INTERNATIONAL SPACE STATION EXPERIENCES LOSS OF COMMUNICATIONS WITH GROUND CONTROL

At approximately 9:45 AM EST (1445 UTC) on Tuesday, February 19, the International Space Station (ISS) experienced a loss of communication with the ground. At that time, flight controllers in

Houston were updating the software onboard the ISS's flight computers when one of the ISS's data relay systems malfunctioned.



The primary computer that controls critical station functions defaulted to a backup computer, but it did not allow the ISS to communicate with NASA's tracking and data relay satellites. Mission Control at Johnson Space Center in Houston, Texas was able to communicate with the crew as the ISS flew over Russian ground stations before 11 AM EST (1500 UTC) and instructed the crew to connect a backup computer to begin the process of restoring communications. Once communication was re-established, Expedition 34 Commander Kevin Ford, KF5GPP, reported that the ISS's status was fine and that the crew was doing well. Communication systems were restored as of 12:34 PM EST. -- Thanks to NASA for the information.



AMATEUR RADIO HISTORY

THE WAYBACK MACHINE

BY BILL CONTINELLI - W2XOY

On December 7, 1941, the Japanese attacked Pearl Harbor. Less than 24 hours later, the United States was officially at War, and the FCC had issued Order Number 87, which suspended all amateur radio operation in the U.S., and withdrew "our" frequencies from the amateur service.

However, the FCC did recognize that limited amateur operation would be required in connection with domestic Civil Defense work.

Thus, in June, 1942, the FCC issued regulations which created the War Emergency Radio Service, or W.E.R.S. for short.

This was not an amateur operation, even though the frequencies used were our former bands at 112-116, 224-230, and 400-401 Mc. Note that the 5 meter band, 56-60 Mc., was not included. The FCC apparently sought to limit operations to the "UHF" frequencies, where long distance skip was impossible. A WERS License was not given to an individual, but rather to a municipality or other local government entity, to cover the operation of all such stations engaged in emergency civilian defense communications. Operations could only be conducted upon authorization of the local Civil Defense Corps.

Operators in W.E.R.S. had to be loyal U.S. citizens, with fingerprints and proof of U.S. Citizenship on file with the FCC. They also needed to have an FCC commercial or amateur license, or an FCC 3rd class operating certificate. Thus, although most operators were hams, many non-amateurs were active in this service also.

Authorized operations in the War Emergency Radio Service were limited to emergencies relating to enemy activity. There was no provision for operations in natural disasters. Practice and training sessions were allowed, and local governments may have used these "practice" activities to provide needed communications during natural disasters.

Technical standards were strict for 1942. The carrier frequency could not deviate more than 0.1% in the lower half of each band, and 0.3% in the upper half. In the 2 1/2 meter band, this meant that the signal could not vary more than 112 kc at the lower end, and 340 kc at the upper end. While this sounds incredibly wide today, remember that in the 30's and 40's, almost all "UHF" transmitters used the "modulated oscillator"--cheap to build, but not very stable. The only receiver useful with this type of signal was the super-regenerative. Power was limited to 25 watts input, which is about 10-15 watts output.

By default, 2 1/2 meters became the band of choice for W.E.R.S. operations. In fact, it came to be known as "The Civil Defense Band". The most popular radio in W.E.R.S. operation was the TR-4, by Abbott Instruments of New York City. The unit measured only 9" x 8" x 4.5", ran on 6 volts DC or 110 volts AC, had a range up to 75 miles, and cost less than \$40.

Although W.E.R.S. served a valuable purpose, it did not satisfy the needs of an active amateur suffering under the wartime radio silence. Fortunately, the WWII amateur had it far better than his WWI predecessor. For one thing, amateurs did not have to disassemble their stations and take down their antennas. Contrary to popular belief, the FCC did not ban shortwave listening. AM broadcasting was still allowed, W1AW was authorized to remain on the air. QST was still published. But, even with all this, the restless amateur wanted more. And, believe it or not, some hams legally got on the air and had QSO's. How?

"Wired Wireless". Have you ever heard of it? In summary, "wired wireless" was a Carrier Current type of operation. A transmitter, usually running 10-25 watts output, was inductively coupled to the AC power line. The signal would

WAYBACK MACHINE CONT.

follow the power lines throughout the city, up to a maximum of about 5 miles. Anyone within 300 feet or so of the AC power line would be able to copy the signal. Even though the range was a 5 mile radius from the transmitter, the actual radiation distance was only 300 feet, thus it was legal. Amateurs found that carrier current operations worked best in the longwave spectrum, and set up hundreds of stations in the 160-200 kc range. Ironically, the 160-190 kc segment survives to this day as a legal, unlicensed low power band, with one watt and 50 foot antennas permitted.

Some amateurs experimented with Audio Frequency Induction Field Communications. This involved no RF--an audio oscillator was coupled to a large inductor. At distances of 2000-3000 feet away, an audio amp coupled to a similar inductor received the signal.

QST was active during the War years, running articles on secret communications and ciphers, the latest 112 Mc W.E.R.S. equipment, visual signaling (including the semaphore alphabet), a course in radio fundamentals, a multi part series in Cryptanalysis, and the Japanese Morse Telegraph Code, with notes on the Japanese language. Towards the end of the War, QST ran several articles on the postwar amateur allocations. Two columns focused on amateurs serving in the Armed Forces; "In the Services", and "Hams in Combat". And, as a grim reminder of the horrors of War, the column "Gold Stars" listed those amateurs who made the ultimate sacrifice.

In our next installment, we will look at amateur life in the postwar world.

As a postscript, the ARRL has asked that the 160-190 khz band be reallocated to amateur use. Will the ghosts of the WWII operators be listening as we once again activate that band with CQ's? You decide.

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THE 2013 MEMBERSHIP FORMS ARE NOW AVAILABLE!

RENEW YOUR MEMBERSHIP TODAY!

CONTACT FRANK-N6FG

CARC PUZZLER

THEATRE OF THE MIND
OLD-TIME RADIO

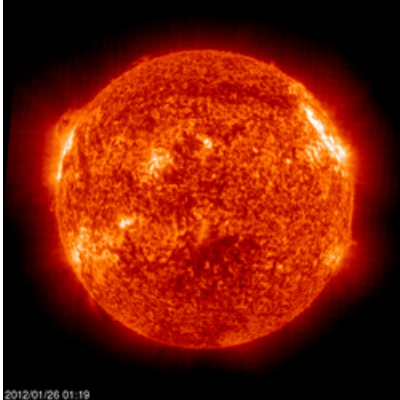
1. "Friend to those who have no friends."
2. "You're a bright boy Leroy".
3. Insurance Investigator.
4. "Now cut that out!"
5. "The first man they look for and the last they want to meet"
6. Paladin's reply to letters requesting his services?
7. Drives the "Black Beauty"
8. Who owns the Husky named King?
9. Who says "Say Goodnight Gracie"
10. "Creaking door" intro to show.
11. "We offer you...." (show title).
12. "Just the facts" character.
13. Famous "closet".
14. "Archie, bring me my beer"

ANSWERS TO FEBRUARY'S QUIZ

- 1) d -- Sensitivity is a measurement of a receiver's response to input signals, measured in microvolts.
- 2) b
- 3) c -- Peak Envelope Power is a measurement of instantaneous power output at the peak of an SSB or AM signal.
- 4) a -- By inputting two closely spaced audio tones, distortion in the transmitter's amplifier stages can be observed as spurious output signals.
- 5) c
- 6) c -- The "d" after "dB" stands for "with respect to a dipole"-- gain must be specified with respect to some reference.
- 7) b -- At a given wind speed, a towers are rated for a maximum amount of antenna area.
- 8) c -- The loss encountered by a signal in the signals passband.
- 9) a -- Noise figure is a "figure of merit," measured in dB, that gauges the noise added by a circuit.
- 10) b -- Higher return loss indicates less signal is reflected by a load.
- 11) d -- Loss is frequency-dependent and must also be specified at a specific frequency.
- 12) d -- Excessively strong signals can cause a receiver's gain to drop, "blocking" other signals.
- 13) d -- This is the attenuation of the filter outside the filter's roll-off or transition region.
- 14) b -- But don't confuse precision with accuracy!
- 15) c -- High isolation is better.

Bonus Answer: A band-pass filter – "steep skirts" means the filter's attenuation increases very quickly outside the pass-band.

SOLAR UPDATE



THE K7RA SOLAR UPDATE

Tad Cook, K7RA, reports: This past week, we saw a decline in the solar and geomagnetic indices: The average daily sunspot number dropped nearly 21 points to 57.7, while the average daily solar flux softened by 4.7 points to 100.9 and the average daily planetary A index declined 6.4 points to 5.1. This isn't much of a change, but geomagnetic activity was low already, and this is even lower. The predicted solar flux for the near term is 105 on February 28, 110 on March 1-3, 105 on March 4-6, 100 on March 7, 95 on March 8-14, 100 on March 15-16, 105 on March 17, and rising to 110 on March 18-20. The solar flux then reaches a peak of 120 on March 25-27, and on March 28-April 6, it looks like it will hover around 113. The predicted planetary A index is 5, 12 and 8 on February 28-March 2, 5 on March 3-4, 8 on March 5, 7 on March 6-7, 5 on March 8-10, 7 on March 11-12, and back down to 5 on March 13-20.



NAME THAT RIG!



Each month I'll try to post a different radio for you to name. Best of Luck! Winners get "Bragging Rights" Last month's rig: Central Electronics 100V

COMING EVENTS

CERT Training – North County Fire Authority
See <http://www.northcountyfire.org> for more info.

CERT Training – San Mateo County
See <http://www.smcready.org/Community/Training.html> for more info.

QCWA NorCal Chapter 11 - Lunch at Harry's Hofbrau
3rd Wednesday of every month
1909 El Camino Real Redwood City, CA.
No host. 11:00AM to 1:00PM (approx).

ASVRO Silicon Valley Electronics Flea Market
2nd Saturday of each month from March through October.
De Anza College in Cupertino, CA. 7AM to noon
Web Page: <http://www.electronicfleamarket.com/>
Talk-In: W6ASH 145.27- (100Hz PL)
N6NFI 145.23- (100Hz PL)

LICENSE EXAMS

AERO-Auxiliary Emergency Radio Organization
Contact: Dave Gomberg
Phone: (415) 731-7793
Email: dave1@wcf.com
Web Page: <http://www.wcf.com/aero/exams/>
When: Sun. May. 12th, 2013 (see webpage for details)
Location: Jewish Community Center
3200 California Street at Presidio Avenue
San Francisco CA

Bay Area Educational Amateur Radio Society
Offering a one day study session for Technician or General theory, followed by testing. Fee: \$30.00
When: Sat. Apr. 20th, 2013
Where: Los Altos Hills Town Hall Council Chambers
26379 Fremont Road Los Altos Hills, CA 94022
Registration required, class size is limited.
Web Page: <http://www.baears.com/> for info and registration.
Questions: Ross Peterson (650) 349-5349 or wb6zbu@arrl.net

Silicon Valley Volunteer Examiner Group
First and third Saturdays of each month, 8AM-11:00AM.
Saratoga Fire Station 14380 Saratoga Ave, Saratoga, CA
Fee: \$15
Walk-ins only, No pre-registration
E-mail: mojoteri@comcast.net
Phone: (408) 507-4698 (Morris Jones- AD6ZH)
Web Page: <http://www.svve.org>

Sunnyvale VEC Exam Sessions
Fee: \$15 Cash
Cut-off-time, 30 min. after starting time.
Exam: changes, directions, call (408) 255-9000 24/hr
E-mail: wb6imx@worldnet.att.net
Web Page: <http://www.amateur-radio.org>

Sat	Mar 9 th	Sunnyvale, CA	10:30	AM
Sat	Mar 16 th	Redwood City, CA	10:30	AM

Online Practice Exams

Within the practice tests, online study resources, (Wikipedia, NASA, ARRL, etc.), are provided for many of the questions. The list of resources available for each question is constantly growing because users can add their own favorite links to the study materials. Users can also track their test scores over time and see which sub-elements are giving them the most trouble. Practice Tests:<http://copaseticflow.blogspot.com/>

CARC MEETING/EVENT SCHEDULE

Jan 9 th	2013 Agenda Planning, LM Fire Station
Feb 13 th	2013 Agenda Finalizing, LM Fire Station
Mar 13 th	Pizza Meeting: Linda Mar Round Table Pizza
Apr 10 th	Meeting Night , LM Fire Station
April 18 th	Silver Dragon CERT Exercise, Daly City
May 8 th	Meeting Night , LM Fire Station
Jun 12 th	Field Day Planning Mtg, LM Fire Station
Jun 22-23	CARC Field Day, Sweeney Ridge
Jul 10 th	Field Day Wrap-Up Mtg, LM Fire Station
Aug 14 th	Back to School Night, LM Fire Station
Sept 11 th	Meeting Night , LM Fire Station
Sept 28-29	Pacific Coast Fog Fest, Pacifica
Oct 9 th	2014 Officer Nominations, LM Fire Station
Nov 9	Election Dinner, Nick's Restaurant - Rockaway
Dec 11 th	Holiday Potluck Dinner Meeting, LM Fire

? to be determined # updated ---- canceled * tentative date



www.smcready.org



In Memoriam



Roger G. Spindler-WA6AFT/SK

THE COASTSIDE AMATEUR RADIO CLUB

The Coastsides Amateur Radio Club (CARC) is affiliated with ARRL, and meets the second Wednesday of each month at 19:30 hrs. in the Linda Mar Fire Station Community Room, on Linda Mar Blvd. in Pacifica. Visitors are welcome.

The CARC has been organized since 1959, serving Bay Area amateurs, and providing emergency communications services to the City of Pacifica. Membership dues are \$20.00 per year for the administration of the Club and the publication of the Communicator.

CARC supports two repeaters, WA6TOW/R (VHF and UHF); a Packet Digipeater, WA6TOW-1; and an APRS Digipeater, WA6TOW-2. Users of the machines provide repeater support and maintenance strictly through donations.

VHF: 146.925 MHz –offset 600 KHz PL 114.8
UHF: 441.075 MHz +offset 5 MHz PL 114.8

PL Tone: 114.8 Hz is used on both repeaters, as needed, for noise suppression.

Packet Digipeater: 145.050 MHz, Packet Node: PAC
APRS Digipeater: 144.390 MHz.

CARC/Pacifica OES VHF Simplex: 146.535 MHz
PL Tone: 114.8 Hz is used, as needed, for noise suppression

VHF Net

The club sponsors a VHF net each Wednesday, with the exception of meeting nights, at 21:00 hrs. for membership check-ins, notices, and QST's. Note: The WA6AFT repeater on 440.725 MHz may be used as an alternate if the WA6TOW repeater is down.

HF Net

The club sponsors a HF rag chew net on 3.852 MHz, or the first clear frequency up/dn, on Saturday at 09:00 hrs. with an alternate frequency of 7.228 MHz.



The Coastsides Communicator is a monthly publication of the CARC. All articles contained herein are the opinions of the authors and not necessarily those of the club members or editor.

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CARC, P.O. Box 1106, Pacifica, CA 94044



COASTSIDE NETS

Monday

07:30 PM on WA6TOW
146.925 MHZ, PL 114.8
San Bruno ARC Net

Tuesday

7:30 PM on WA6TOW
146.925 MHZ, PL 114.8
Daly City ARES Net

8:00 PM on WA6TOW 146.925 MHZ,
PL 114.8 and KC6ULT 146.865 MHZ,
PL 114.8 simultaneously, but not
linked. San Mateo County ACS Net

Wednesday

9:00 PM on WA6TOW
146.925 MHZ, PL 114.8
Coastside Amateur Radio Club
Wednesday Night Check-in.

Saturday

9:00 AM on 3.852 MHz, or the first
clear frequency up/dn.
(alt freq of 7.228 MHz.)
Coastside Saturday Morning Group.

10:00 AM on WA6TOW
146.925 MHZ, PL 114.8
QCWA Ch. 11 NorCal. Net

Sunday

7:00-7:30 AM on WA6TOW
146.925 MHZ, PL 114.8
Knights of the Megahertz Net



**MEETING
NOTICE:**

**MARCH 13, 2013
LINDA MAR SHOPPING CNTR
ROUND TABLE PIZZA
PACIFICA, CA**

**PIZZA MEETING
7:30 PM**

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
President	David Rinck	K6DMR	(650) 359-8997	k6dmr@arrl.net
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